IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	:	**Mail Stop: Petitions Branch**
Koichi HATA et al.	:	Atty Docket No. 2004_0398
Serial No. 10/803,906	:	**Confirmation No. 6714**
Filed March 19, 2004	:	Group Art Unit 2133

APPARATUS AND METHOD
FOR HEADER DECOMPRESSION

PATENT OFFICE FEE TRANSMITTAL FORM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached hereto is a check in the amount of $130.00 to cover Patent Office fees relating to filing the following attached papers:

Petition to Make Special $130.00

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.

Respectfully submitted,

Koichi HATA et al.

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APPARATUS AND METHOD FOR HEADER DECOMPRESSION

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEE FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975.

PETITION TO MAKE SPECIAL

REQUEST FOR ACCELERATED EXAMINATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

03/04/2005 SDENBOB1 00000045 10803906

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Sir:

Petition is hereby made to make the above identified application special and accelerate examination of this application. As per the requirements of MPEP 708.02, section VIII, the Applicants provide each of the required items **(A)-(E)** as follows.

(A) Accompanied with this petition to make special is the required fee set forth in 37 C.F.R. 1.17(h).

(B) A first Preliminary Amendment was submitted on January 19, 2005 which canceled claims 1-12 and added claims 13-28, and a second Preliminary Amendment was filed on January 26, 2005 which made minor changes to claims 13 and 19. Applicants submit that all of the claims of this application (i.e., claims 13-28) are directed to a single invention, but in the event

that the Patent Office takes the position that all the claims presented are not obviously directed to a single invention, Applicants hereby offer to make an election without traverse.

(C) Applicants submit that a pre-examination search was made. As the basis for the pre-examination search, Applicants rely on the search made by the Japanese Patent Office in the Japanese Office Action dated November 17, 2004 for a corresponding foreign application. The Japanese Office Action was filed in this application along with an Information Disclosure Statement on December 1, 2004. Applicants submit that the claims in the corresponding foreign application are of a similar scope to the claims in the present application.

(D) Applicants submit that the following are the references deemed most closely related to the subject matter encompassed by the claims:

I. USPN 6,148,422

II. JP 2000-101520

Applicants note that USPN 6,148,422 was submitted with an Information Disclosure Statement filed on March 19, 2004, and that JP 2000-101520 was submitted with the Information Disclosure Statement filed on December 1, 2004.

(E) Applicants provide the following detailed discussion of the above mentioned references which point out how the claimed subject matter of the present application is patentable over the references:

DETAILED DISCUSSION

The present application includes claims 13-28, of which claims 13, 17, 21 and 25 are

independent claims. These independent claims recite at least the following features that Applicants submit are not anticipated, suggested, or rendered obvious by the references listed in section (D) above:

Independent claim 13 recites the features of a counter/storage for counting a number of packets having an error detected by said error detector from among the last W packets decompressed by said header decompressor; and an update request unit for transmitting an update request for requesting update of said reference information stored in said reference information manager, based on the values counted by said counter/storage;

Independent claim 17 recites the features of a counting/storing step of counting a number of packets having an error detected in said error detecting step from among the last W packets decompressed by said header decompressing step; and an update requesting step of transmitting an update request for requesting update of the reference information, based on the values counted in said counting/storing step;

Independent claim 21 recites the features of a counting/storing step of counting a number of packets having an error detected in said error detecting step from among the last W packets decompressed by said header decompressing step; and an update requesting step of transmitting an update request for requesting update of the reference information, based on the values counted in said counting/storing step; and

Independent claim 25 recites the features of a counting/storing step of counting a number of packets having an error detected in said error detecting step from among the last W packets decompressed by said header decompressing step; and an update requesting step of transmitting an update request for requesting update of the reference information, based on the values counted in said counting/storing step.

Applicants submit that at least the above features recited in claims 13, 17, 21 and 25 are not anticipated, suggested, or rendered obvious by the references listed in section (D) above, for the following reasons:

I. USPN 6,148,422

This reference discloses a system and a method for improving the voice quality of wireless-to-wireless calls. More specifically, this reference provides a method and an apparatus to add supplemental information for better error detection and correction of data packets. This feature allows the identification of the telecommunication link causing errors in the data packets and optimizes the use of the reconstructed data packets (see Abstract)

Based on the foregoing, Applicants submit that while this references discloses a method for adding supplemental information for better error detection and correction of data packets, this reference does not disclose or suggest any of the above-mentioned features recited in independent claims 13, 17, 21 and 25.

In particular, Applicants submit that this reference does not disclose or suggest the features of a counter/storage for counting a number of packets having an error detected by said error detector from among the last W packets decompressed by said header decompressor, and an update request unit for transmitting an update request for requesting update of said reference information stored in said reference information manager, based on the values counted by said counter/storage, as recited in independent claim 13; and that this reference does not disclose or suggest the features of a counting/storing step of counting a number of packets having an error detected in said error detecting step from among the last W packets decompressed by said header decompressing step, and an update requesting step of transmitting an update request for

requesting update of the reference information, based on the values counted in said counting/storing step, as recited in independent claims 17, 21 and 25.

II. JP 2000-101520

This reference discloses a mobile communication system for improving processing efficiency based on whether a CRC OK cell is present or a CRC NG cell is present. In particular, processing efficiency is improved by doing nothing in the case of a CRC OK cell being present, and judging degradation in radio quality only when receiving a CRC NG cell. Thus, according to this reference, in a case of NG, a reception time information is stored (A1-A5) and the elapsed time between the NG detection of a previous time and this time is calculated (A6) from a difference between the reception time information of the NG cell immediately stored beforehand. The elapsed time is divided by a cell reception cycle and the number of OK cells are estimated and stored in a judgment table (A7). Then, after the number of the NG reaches a judgment threshold, a radio quality degradation judgment processing for each NG detection is performed (see Abstract).

Based on the foregoing, Applicants submit that while this reference discloses the ability to improve processing efficiency by doing nothing in the case that a CRC OK cell is present inside an incoming reception frame sent from a radio base station, and judging degradation only when receiving a CRC NG cell, this reference does not disclose or suggest any of the above-mentioned features recited in independent claims 13, 17, 21 and 25.

In particular, Applicants submit that this references does not disclose or suggest the features of a counter/storage for counting a number of packets having an error detected by said error detector from among the last W packets decompressed by said header decompressor, and

an update request unit for transmitting an update request for requesting update of said reference information stored in said reference information manager, based on the values counted by said counter/storage, as recited in independent claim 13; and that this reference does not disclose or suggest the features of a counting/storing step of counting a number of packets having an error detected in said error detecting step from among the last W packets decompressed by said header decompressing step, and an update requesting step of transmitting an update request for requesting update of the reference information, based on the values counted in said counting/storing step, as recited in independent claims 17, 21 and 25.

Conclusion

Because of the above-mentioned distinctions, Applicants believe that independent claims 13, 17, 21 and 25, and all claims that depend therefrom, are not anticipated by any one of the above-mentioned references. Further, Applicants believe that the distinctions are such that a person having ordinary skill in the art at the time of the invention would not have been motivated to modify the above-mentioned references in such a manner so as to result in, or otherwise render obvious, the present invention as recited in claims 13-28. Therefore, Applicants submit that claims 13-28 are allowable over the above-mentioned references.

In view of the forgoing, since Applicants have provided each of the necessary items (A)-(E) identified above, Applicants respectfully request that this Petition to Make Special be granted and the examination of this application be accelerated.

The Special Program Examiner is invited to contact the undersigned by telephone if it is felt that there are any issues remaining which must be resolved before the granting of this Petition to Make Special.

Moreover, for at least the reasons found in item (E) above, it is submitted that the present application is clearly allowable over the prior art of record.

In the event, however, that the Examiner has any comments or suggestions of a nature necessary to place this case in condition for allowance, then the Examiner is kindly requested to contact Applicant's undersigned attorney by telephone to promptly resolve any such matters.

Respectfully submitted,

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March 3, 2005